

## WHAT IS CLAIMED IS:

1. A method of diagnosing or evaluating a mucosal condition, said method comprising evaluating expression of:
  - 5 a) a chemokine selected from TARC or MIP-3 $\alpha$  or
  - b) a chemokine receptor selected from CCR4, CCR6, CCR7, or CCR8.
- 10 2. The method of Claim 1, wherein said evaluating is a plurality of MIP-3 $\alpha$ , TARC, CCR7, or CCR8.
3. The method of Claim 1, wherein said mucosa is selected from:
  - 15 a) a gastrointestinal mucosa;
  - b) a pulmonary mucosa; or
  - c) a female reproductive tract mucosa.
4. A method of treating an inflammatory bowel disease, said method comprising blocking signaling:
  - 20 a) mediated by a chemokine selected from:
    - i) TARC; or
    - ii) MIP-3 $\alpha$ ; or
  - b) effected by a chemokine receptor selected from:
    - 25 i) CCR4;
    - ii) CCR6;
    - iii) CCR7; or
    - iv) CCR8.

5. The method of Claim 4, wherein:

- a) said bowel disease is ulcerative colitis or Crohn's disease; or
- b) said treating is preventing appearance of symptoms.

5 6. The method of Claim 4, blocking signaling:

- a) mediated by TARC; or
- b) effected by a chemokine receptor selected from:
  - i) CCR4; or
  - iii) CCR7.

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7. The method of Claim 5, wherein said blocking is by administering an antibody raised against said chemokine or said chemokine receptor.

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